

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Robert L. Canella

**Serial No.:** 09/941,853

**Filed:** August 29, 2001

**For:** SUBSTRATE WITH CONTACT  
ARRAY AND SUBSTRATE ASSEMBLIES  
(as amended)

**Examiner:** P. Greene

**Group Art Unit:** 2826

**Attorney Docket No.:** 4322US  
(MUEI-0542.00/US)

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail (under 39 C.F.R. § 1.8(a)) on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

September 16, 2002  
Date of Deposit

Signature of registered practitioner or other person having reasonable basis to expect mailing to occur on date of deposit shown pursuant to 37 C.F.R. § 1.8(a)(1)(ii)

Debra J. Mitchell  
Typed printed name of person whose signature is contained above

**RESPONSE TO ELECTION OF SPECIES REQUIREMENT**

Box Non-Fee Amendment  
Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

This amendment is in response to the Election Of Species Requirement of August 21, 2002, having an initial period of response expiring on September 21, 2002.

**REMARKS**

**Election of Species**

The Examiner has withdrawn the previous Election of Species Requirement of May 7, 2002. Claims 1 through 65 are currently pending in the application. Claims 27 through 43 and 56 through 65 were withdrawn from consideration as being drawn to a non-elected invention in the previous Restriction Requirement of March 15, 2002. Therefore, claims 1 through 26 and 44 through 55 are subject to the present Election of Species Requirement.

Applicant hereby elects, without traverse, to prosecute the invention of Species I, which the Examiner has designated as illustrated by drawing Figs. 4, 5 and 6.

Applicant respectfully disagrees with the Examiner's listed generic claims of 3 and 44 through 49. Rather, Applicant considers claims 1, 3, 5, 11, 12, 15, 16 and 26 to be generic.

Applicant considers the foregoing claims to read on Species I, whether or not they are considered generic by the Examiner. Applicants also consider claims 2, 4, 6, 8, 10, 13, 14, 17, 18, 19, 22, 24, 25, and 44 through 55 to read on Species I as designated by the Examiner. Claims 2, 4, 6 and 19 are directed to vias which are illustrated in Figs. 4, 5 and 6. Claims 8 and 22 are directed to spring biased electrical contacts illustrated in Figs. 4, 5 and 6. Claims 10, 17 and 18 are directed to spring biased electrical contacts including a permanent deflection as illustrated in Figs. 4, 5 and 6. Claims 13, 14, 24 and 25 are directed to contact elements illustrated in Fig. 6. Claims 44 through 55 are directed to a dielectric layer illustrated in Figs. 4 and 5. Accordingly, Applicant considers Species I to include all of claims 1 through 6, 8, 10 through 19, 22, 24 through 26 and 44 through 55.

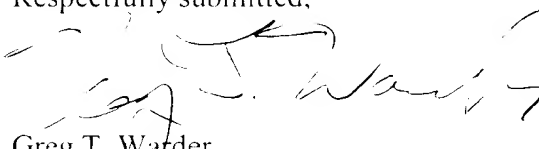
Applicant further notes that should a generic claim be found allowable, he is entitled to consideration of claims to additional species which are written to depend therefrom or otherwise include all the limitations of the allowed generic claim.

**Information Disclosure Statement**

Applicant notes the filing of Information Disclosure Statements herein on August 29, 2001 and October 15, 2001 and note that no copies of the PTO-1449s were returned with the outstanding Office Action. Applicant respectfully requests that the information cited on the PTO-1449s be made of record herein.

Applicant requests an action on the merits of claims 1 through 6, 8, 10 through 19, 22, 24 through 26 and 44 through 55.

Respectfully submitted,



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GTW/ps:dlm  
Date: September 16, 2002

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